

Calculation of Transient Burning Regimes of a
Solid Propellant in a Duct, by V. B. Iabrovich,
G. M. Makhviladze,
RUSSIAN, per Priladnaya Mekhanika i Tekhnicheskaya
Fizika, No 5, 1969, pp 33-41,
Dept of Navy APL/JNU T-2472

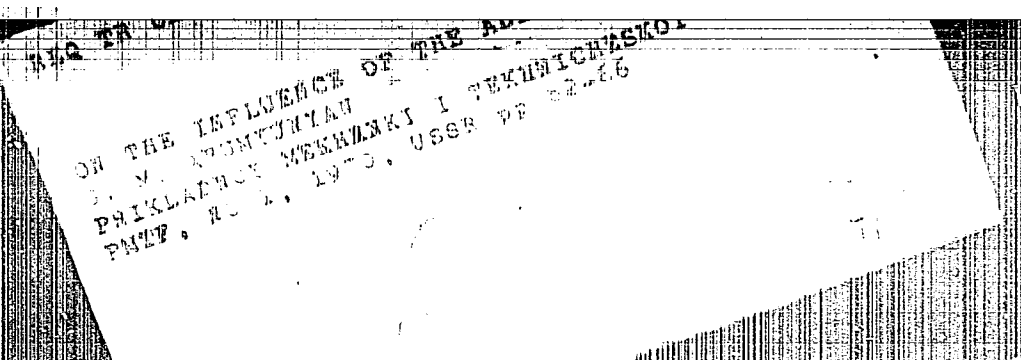
Sci-Prop & Peals
Nov 70

Numerical analysis of the Motion and Heating,
by Laser Radiation, of a Plasma Being Formed in an
Absorption Flame in Vapors of a Solid,
by G. G. Vilenskaya, I. V. Nemchinov, 23 pp,
RUSSIAN, rpt, Prikl Mekh, i Tekh. Fiz., No 6, 1969
PP 3-19
CIA X 7286

Sent 70

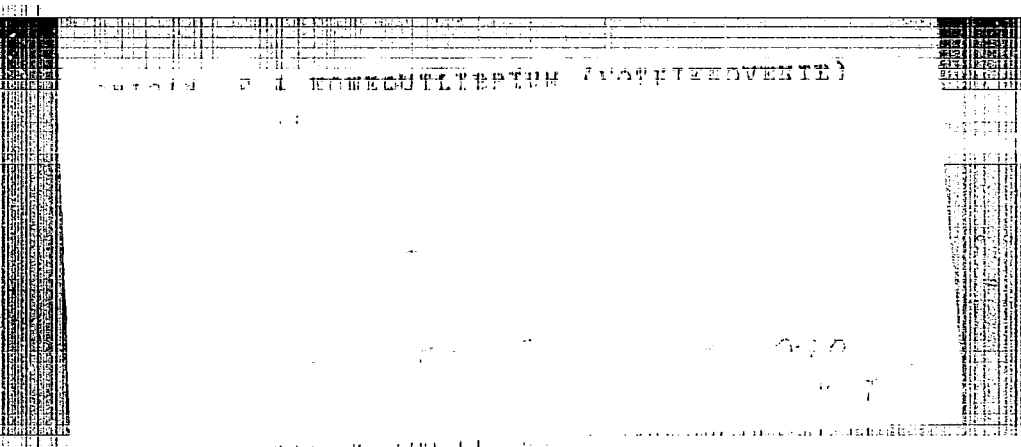
Investigation of the Density of Highly-Meltable
Metals upon Passage Through the Melting Point,
by A. S. Basin, S. P. Volchikova, A. M. Solov'ev
RUSSIAN, rpt., Prikl. Khim. i Tekh. Fiz., No 6, 1969
pp 128-133
CIA X 7886

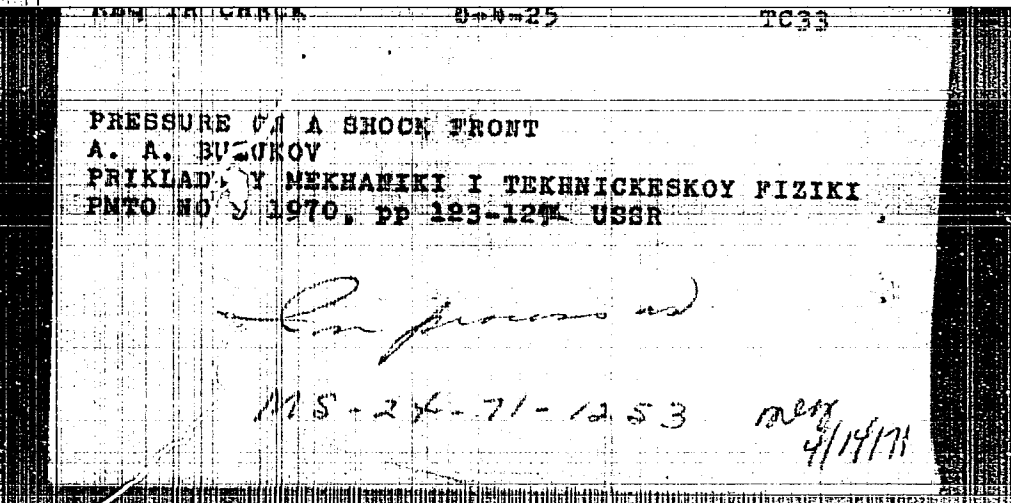
Sept 70



EXCESSIVE PRESSURE IN FLUID TUBES
G. P. CHIBRAVSKIY
PRIKLADNOY MEKHANIKI I TEKHNIKOY
VOL 1, 1970 USSR

On the Return of the Head of the Department of an
Explosion, by M. H. [unclear], H. K. [unclear],
6 pp.
RUSIAN, 274, [unclear], [unclear], [unclear],
No 2 1970, pp 75-75
CIA X 7315





REQ TR CHECK

26-4-19

TE88

USE OF PHOTOELASTIC COATINGS FOR INVESTIGATION
THE ELASTICITY OF THE MATERIALS
ALEKSANDROV A YA
UR: PRIKLADNOY MEKHANIKI I TEKHNICHESKOY
FIZIKI

MS-24-71-1043

W. J. ...
2/2/71

The Instructional Field Manual, 1st Ed. by a Senior
Quartermaster, by Lt. A. Henderson, B. M. Henderson,
6 pp.
Henderson, 1900, Field Manual 1, 1900, 1900, 1900, 1900
HP 3-8
CIA II 17360

Dec 70

Vietnam Can Flow in a South Tanager in the Presence
of Benthic Channel Channel, by R. H. Smith.
Hutchins, pub, 1970, 12-13, 5 pp.
No 4, 1970, 12-13
CIA K 738

Jan 71

Atmosol Scattering in the Near-surface Layer of
Atmosphere, by K. P. Antropovskii, 8 pp.
RUSSIAN, pub, Fizmat. Math. i. Vychisl. Mat., Vol. 1970.
pp 181-185.
CIA K 7300

Jan 71

STRUCTURE OF A SHOCK WAVE
Y. P. PAVLENKO

Particularities in the Propaganda of Great
Portuguese in the Anglo-American Democracies,
by A. I. Novichkov, M. L. Litvinenko, 6 pp.
RUSSIAN, near, Field, 1970, No 5,
1970. pp 73-77.
CIA R 7406

Jan 71

Speed of Sound in Two-phase Wet Steam Systems, by
I. B. Bakhvalov, 10 pp.
Soviet, paper, Fluid Mech. & Therm. Phys., No 5, 1970.
pp 74-85.
CEA X 7409

Jan 71

Structure of the Superconducting Jct in a Field
Helium Induced, by Dr. V. A. Kuznetsov, V. A. Kuznetsov,
RUSSIAN, prog, J. Appl. Phys. No 5, 1970,
pp 158-163.
CIA X 7407

Jan 11

On the Population Inversion of CO_2 Molecules in
Expanding Gas Flows, by N. A. Generalov, G. I. Kolov,
8 pp.
RUSSIAN, per, Prikl Mekh i Tekh Fiz, No 5, 1971,
pp 24-34.
K-7539

Feb 72

Screening of a Surface Evaporating Under the Effect
of Laser, by I. V. Nemchinov, 16 pp.
RUSSIAN, per, Prikl. Mekh i Tekh Fiz, No 5, 1971,
pp 35-45.
CIA-X-7537

Feb 72

REQUEST TR CHECK

19 7-35

TGA7

DISCHARGE IN GAS AT HIGH PRESSURE INITIATED
BY A BEAM OF FAST ELECTRONS
KOVAL'CHUK B M; KREMNEV V V
UR: PRIKLADNAYA MATEMATIKA I TEKHNICHESKOY
FIZIKI: 1971, nr 6, pp 21-29

*Process in as**H572-23-1450**very
22 Aug 72*

On Necessary Conditions for a Step Change in the
Velocity of Combustion of Condensed Systems, by
I. G. Assovskiy, 8 pp.
RUSSIAN, per, Prikl Mekhan i Tekh Fiz, No 6, 1971,
pp 57-64.
X-7564

April 72

On the Theory of Nonstationary Powder Combustion.
Stability of the Processes in a Semi-infinite Volume.
RUSSIAN, per, Prikl Mekh i Tekh Fiz, No 6, 1971,
pp 65-73.
X-7562

April 72

On the Question of the Stability of Powder Combustion
in a Semi-Infinite Volume, by V. S. Villunov, 6 pp.
RUSSTAN, per, Prikl Mekh i Tekhniz, No 6, 1971,
pp 74-79.
CIA -X- 7573

April 72

Two-Gyroscope Triaxial Stabilizer with a Gyrocompass
Effect, by V. K. Platonov, S. I. Soshnev, 5 pp.
RUSSIAN, per, Prikl. Mekh i Tekh Fiz, No 1, 1972,
pp 23-30.
X-7619

June 72

Development of Dynamical Buckling Modes of Elastic
Systems Under Intensive Loading in a Finite Time
Segment, by V. M. Kornev, 3 pp.
RUSSIAN, per, Prikl. Mekh i Tekhn Fiz, No 4,
1971, pp 122-128.
CIA-X-7712

Jan 73

Different Thermal Heating Modes During Interaction
of Powerful Radiation Fluxes with a Material, by
P. P. Volosevich, 8 pp.
PRIKL. MEKH I TEKH. FIZ, No 5, 1972, pp 41-48.

X-7736

Mar 72

On the Evaporation Mechanism During Powerful Energy
Flux Interaction with a Material, by V. N. Kondratyev,
10 pp.
PRIKL. MEKH I TEKH FIZ, No 5, 1972, pp 49-57.
X-7737

Mar 72

RUSSIAN

JPRS-58393-67
58393-67CRO: 01422/73
30 Jan 73

SP

Title page, annotation, table of contents, &
foreword, by M. I. Apenko, & A. S. Dubovik.

Moscow, (Priladnaya optika, 1971, pp 1-10.

Ad Hoc

Spec type B

Do not publish

Translator's draft plus com copy.

A.E.C. (RFP-Trans-98) ,STUDY OF PROCESSES IN RUB-
BERS AND VULCANIZATES UNDER THE INFLUENCE OF AG-
GRESSIVE MEDIA, BY THE METHOD OF IR SPECTROSCOPY,
Muromtsova, G. P.; Grozhan, E. M.; Zuev, Yu. S.; Rostovtseva,
K. E.; Malyshev, A. I. ¹⁰Translated for Dow Chemical Co., Rocky
Flats Div., from pp 73-8 of Prikladnaya Spektroskopiya, Mate-
rialy Soveshchaniya po Spektroskopii, 16th, Volume 2, Moscow,
January 28-February 2, 1965 (1969). ²⁰8p. ²⁴Dep. NTIS.

²⁸materials; translations ²⁷11

²⁸MN-25 ²⁹P NSA

Applied Theory of Inertial Navigation. by
E. I. Sliv. 146 pp.
RUSSIAN, bk, Prikladnaya Teoriya Inertsial'noy
Navigatsii, Leningrad, 1972.
JPRS 57094

Dec 72

Applied Nuclear Spectroscopy, No 1
BIRKENHEAD, ENGLAND, Park Road, Birkenhead, Merseyside, L3 5YH, ENGLAND
Vol 1, 1970. Number 1
CONSULTATION ONLY/RESEARCH PURPOSES

sci/nuclear sci
july 70

Laser Pulse Radiation of Nitrogen Atoms in An N₂ --
He Mixture, 6 pp.
RUSSIAN, per, Prikladnoy Spektroskopiy, Vol 9, No 5,
1968, pp 807-811.
Dept of Navy NIC Trans 3010

Sci/Phys
Apr 70

405,591

Applied Methods of Calculation of Shells and Thin-Walled Constructions, by A. S. Avdonin. 494 pp.
RUSSIAN, book, Prikladnyye Metody Rascheta Obolochek i Tonkostennykh Konstruktsiy, Izd-vo Mashinostro-
eniye, 1969, pp 1-402.
AIR/FTD-MT-24-182-70

sci/aero/nuclear
feb 71

Description of Contents of Prilozheniye Zadachi
Tekhnicheskoy Kibernetiki (Applied Problems of
Technical Cybernetics), by L. S. Gurin, I. A.
Ushakov and B. S. Fleyshman, 10 pp.
RUSSIAN, per Prilozheniye Zadachi Tekhnicheskoy
Kibernetiki, 1966, pp. 1-10 and 493-495.
JUNE 1966

UNSA
Sci-Mech Reg
Aug 67

333,461

The Application of Aviation in Agriculture and
Forestry (Part 1 of 2), by M.B. Azar'yan,
T. R. Borodina, et al. 516 pp.
RUSSIAN, bk, Primeneniye Aviatsii v Sel'skom i
Lesnom Khozyaystve, 1966, pp 1-381.
AIR/FTD/RP-24-101-68

sci/aeronautics
may 69

381,161

The application of Aviation in Agriculture and
Forestry (Part 2 of 2), by L. B. Azar'yan,
T. R. Dorodina, et al. 516 pp.
RUSSIAN, bk, Primeneniye Aviatsii v Sel'skom i
Lesnom Khozyaystve, 1966, pp 292-516.
AIR/ITD/TA-24-101-68

sci/aeronautics
may 69

381,162

Noise-Rejection Coding of Digital Teletype
Communications in Complex Automatic Hydro-
meteorological Telemetering Systems, by V. P.
Petrov and A. N. Radchenko, 29 pp.
RUSSIAN, per, Primeneniye Avtomatiki, Radio-
elektroniki i Yadernykh Izlucheniy pri Gidro-
logicheskikh Issledovaniyakh, issue 130, 1966,
pp. 98-121.
JPRS 40557

USSR
Sci-Nav Communication
Apr 67

319,747

The Use of Electronic Computers in Architectural
and Structural Design, by G. G. Patruncov. 14 pp.
RUSSIAN, rpt, Primenie Elektronnykh Vychislitel'-
nykh Mashin v Arkhitektum-Stroitel'nykh Proye-
ktirovani, 1966, pp 7-18.
AIR/FTD/R-24-319-68

sci/electronics
may 69

381,088

Applications of Infrared Spectrometry in Petro-
leum Geochemistry, by Ye. A. Glebovskaya.
RUSSIAN, bk, Primenenie Infrazasnoi Spektro-
metrii v Neftyanoi Geokhimii, 1970, approx 128 pp.
CONSULTANTS BUREAU/PLENUM PRESS

sci/chemistry
cot 69

395,304

V. V. Udilov

Coordinate stabilization for a flexible aircraft during flight in a turbulent atmosphere. 7 pp.

RUSSIAN, Primeneniye Invariantnykh Sistem Automaticheskogo Upravleniya, 1970, pp 227-231

AIR/FTD-HT-23-863-72

nov 72

V. A. Bodner

The connection of the invariance conditions with the characteristics of a Tjwab multidimensional control system. 12 pp.

RUSSIAN, Primeneniye invarianitnykh sistem avtomaticheskogo upravleniya, 1970, pp 310-317.

AIR/FTD-MT-24-1086-72

oct 72

APPLICATION OF STRUCTURAL PLASTICS IN THE PRO
DUCTION OF FLYING APPARATUS

ABIBOVA, A. L. LANGUAGE-RU COUNTRY-UR

PRIMENENIYE KONSTRUKSIONNYKH PLASTMASS V PRO
IZVODSTVE LETATEL'NYKH APPARATOV

"MASHINOSTROYENIYE", MOSCOW, 1971, 190 PP

FSTC-HT-23-0137-73

Applying the Contact-Hydrodynamics Theory of
Lubrication to the Study of Machine Parts
(Collection of Articles). 341 pp.
RUSSIAN, bk, Primeneniye Kontak (no-Gidrodinamich-
eskoy Teoriy Smazki k Issledovaniyu Detaley
Mashin, No 40, 1969, pp 1-299.
AIR/FID/NT-24-82-70

Sci-Mech
Dec 70

Application of cosmographic perspectives in the interpretation of photographs taken in space, by V. Dmitrievskiy.

RUSSIAN, bk, Primenenie kosmograficheskikh perspektiv pri deshifirovani fotografii, sdelannykh v kosmosel; Geodesii i Kartografiia, Oct. 1966, pp 59-62.

NASA TT F 13,928

sept 71

Selecting the Basic Parameters of Civil Aircraft
for Specified Ranges and Commercial Load, by
G. N. Yun. 15 pp.
RUSSIAN, per, Primeniye Matematicheskikh Metodov
v Ekonomicheskikh Issledovaniyakh i Planirovanii.
Seminar, No 1, 1968, pp 64-75.
AIR/FTD/MT-24-353-70

Aug 71

Application of Mathematical Methods in Military
Affairs, by Maj. Gen. I. I. Ameryev, 85 pp.
RUBINIAN, bk. Primeneniye Matematicheskikh Metodov
v Voennom Delo, 1967, pp. 3-31, 112-143, 210-239,
JPRS 42009

UNCR
MLL
Sed-Math
Sept 67

339,049

Introduction, Principles of Application
of Mathematical Methods in Military Affairs
pp 3-5

RUSSIAN, bk, Primeneniye Matematicheskikh
Metodov v Voennom Dele,

JPRS 42,069

Principles of Application of Mathematical
Methods in Military Affairs, by A. Ye. Tatarchenko
Chapter I. pp 6-34
RUSSIAN, bk, Primeneniye Matematicheskikh
Metodov v Voennom Dele,
JPRS 42,069

July 70

Application of Game Theory in Military Affairs
by A. Ye. Tutarchenko, Chapter III. pp 112-143
RUSSIAN, bk, Primeneniye Matematicheskikh
Metodov v Voennom Dele,
JPRS 42,069

July 70

.....Elements of Mathematical Simulation and its
Application in Military Affairs
by I. I. Anureyev, Chapter VI. pp 210-237
RUSSIAN, bk, Primeneniye Matematicheskikh
Metodov v Voennom Dele,
JPRS 42,069

July 70

The Use of Mathematical Statistics in the
Technology of Ship Hull Construction,
by R. O. Denisov.

RUSSIAN, bk, Primeneniye Matematicheskoyi
Statistiki v Teknologiy Sudovogo Korpuso-
Stroeniya, 1965, 176 pp.

NLL R-38334

Sci-Engr
May 66

299,769

Economic Planning Aided by Mathematics,
55 pp.
RUSSIAN, monograph, Primeneniye Matematiki v
Ekonomicheskikh Issledovaniyakh, Vol 3, 1965.
JPRS 33999

USSR
Econ
Dec 66

315,919

Application of Zaytsev Method to Determination
of Water Content of Fog in Chambers, by
A.F. Mumanenko, 8 pp.

RUSSIAN, bk. Primeneniye Metoda Zaytseva Dlya
Opredeleniya Vodnosti Tymanov b Kamerakh,
pp 122-126.

ACSI-J-9476

FSTC-HT-23-109-71

Oct 71

Theory of Reliability and Longevity of Structures,
by V. V. Bolotin, 77 pp.
RUSSIAN, bk, Primeneniye Metodov Teorii Veroiatnostei
i Teorii Nadozhnosti v Raschetakh Sooruzhenii,
1971, pp 152-245. Chapter 3.
CIA-X-7657

LOAD CAPACITY OF MALLEABLE CAST IRON
1941 RESEARCH
KRIVONOSOV, V. K.
UR-BELMEN, NOV. MATER, BEL'SKOKHOZ. MASH-
TCHITH. 1969, 10-27

Process in as
H572-23-1358

Comp. Sp.

CSO: 745/73
10 Oct /2

Primeneniya Obluchennogo polietilena v radioelek.
1972

Title page

Forward P3

Bit 17 of C pp 61-64

Communications Applications of Lasers, by
V. V. Kobzev, B. M. Milinkin, et al. 97 pp.
RUSSIAN, Ek, Prikladnaya Opticheskikh Kvantov-
vykh Generatorov Dlya Tseley Svazi, 1965,
pp 1-120.
AIR/FTD/IT-23-1179-67

sci/physics
mar 69

376,600

Box 21
PRIMEN PESTITS SEL
KHOL, ETC
TO
RADIANS'KA SHKOLA

DYNAMICS OF RESIDUES OF SEVIN, PHTHALOPHOS AN
D PHUSALONE IN CABBAGE LEAVES

BOCHAROVA L P LANGUAGE--RU COUNTRY--UR

PRIMEN PESTITS SEL KHOZ MATER NAUCH KONF 196
9 (PUB 1970) PP 113-118

FSTC-HT-23-2092-72

Use of Plastics for waterproofing Buildings,
by G. A. Nechaev, E. D. Fedotov.
RUSSIAN, bk. Primenenie Plasticheskikh
mass Dlya Gidroizolyatsii Zdanii, 1965.
NLL R-38679

Sci-MEM
May 66

301,020

The Use of Plastics in Tractor Machine Building, by
A. P. Bagidzhanova, L. M. Kreyndlin, 236 pp.
RUSSIAN, bk, Primeneniye Plastmass v Traktornom
Mashinostroyeniy, 1970.
ARM/FSTC/HT-23-1064-72

May 72

A. Yu. Osheerovich

Consideration of inelastic collisions in electrical
conductivity of plasma. 7 pp.
RUSSIAN, Primeneniye Plazmatrona v Spektroskopii, 1970,
pp 12-16
AIR/PTD-HT-23-1076=72

Jan 73

Application of Polymeric Materials in Structures
Operating Under Load, by P. I. Kozlov. 336 pp.
RUSSIAN, bk, Primeneniye Polimernykh Materialov
v Konstruktsiyakh, Rabotayushchikh pod
Nagruzkoy, 1966, pp 1-361.
AIR/FTD/FT-23-277-68

sci/materials
may 69

380,157

Use of Polarized Proton Target in the Investi-
gation of Low-Energy Nucleon-Nucleon Inter-
actions, by P. Wintermiz, F. Lohar. 188 pp.
RUSSIAN, rpt, Primenenie Polyarizovannoi Pro-
tonnoi Misheni Dlya Issledovaniya Nuklon-Nuk-
lonnogo Vzaïmodelistviya pri Nizkikh Energiyakh.
Dubna, 1965. PS11042866-V
AEC ANL-tr-342

Sci/Nuclear Sci & Technology
Oct 66

309,504

Application of the Principle of Incidence in
Radiobiology, by N. V. Timofeyev-Resovskiy,
V. I. Ivanov, et al.
RUSSIAN, bk, Primenenie Printsipa Popadaniya v
Radiobiologii, 1968.
PLENUM PRESS

Sci/B&M
Sep 68

36,484

Some Characteristics of Gaseous Fuels. Using
Gas in Furrows Metallurgy, by H. S. Dukhan, et al.
RUSSIAN, rpt, Primenenie Prirodnykh Gaza v
Chernoi Metallurgii, Metallurgiya, 1966,

PP 9-19 - 1

MSI 6755 - 1

sci/ materials
sept 69

393,035

Use of Natural Gas in Direct Reduction of Iron,
by Kh. I. Fridman.
RUSSIAN, per, Primenenie Prirodnoho Gaza v Khimicheskoy
Metallurgii, 1966, pp 65-72.
INST 6755-V

sci/ materials
dec 69

398,604

Use of Natural Gas in Oil Furnaces, by
Ikh. I. Fridman.
RUSSEIN, rpt, Prirodnoye Priruchnoye gazu v
Chemoi Metallurgii, 1966, pp 73-97.
BISI 6755-VI

sci/ materials
oct 69

395,278

Natural Gas in the Foundry, by N. S. Dukhan.
RUSSIAN, rpt, Primenenie Prirodnoyo Gaza v
Chemol Metallurgii, 1966, pp 98-101.
BISI 6755 - VII

sci/ materials
otc 69

395,279

Use of Natural Gas in Reheating Furnaces, by
N. S. Doldan.
RUSSIAN, rpt, Primenenie Prirodnoho Gaza V
Chemoi Metallurgii, 1966, pp 102-108.
BISI 6755 - VIII

sci/ materials
oct 69

395,280

Combustion of Natural Gas in Boiler Furnaces, by
M. Ya. Gernov.
RUSSIAN, rpt, Primenenie Prirodnogo Gaza v Chernoi
Metallurgii, 1966, pp 109-120.
DISC 6755 - IX

sc/materials
dec 69

398,605

Gas Supply to Metallurgical Enterprises, by
M. Ya. German.
RUSSIAN, mono, Primenenie Prirodnogo Gaza y Chernoi
Metallurgii (Using Natural Gas in Ferrous Metallurgy)
1966, pp 121-132.
BISI 6755-X

sci/ materials
oct 69

394,288

Equipment Used in the Gas Industry.
By M. Ya. German,
RUSSIAN, bk, Primenenie Prirodnogo Gaza
v Chernoi Metallurgii, 1966, pp. 133-140
BISI 6755-XI

Sci/ mat
Nov 69

396,081

REQUEST TR CHECK

13-3-13

BR70-1-91

Use of additives for lubrication of industrial
equipment

Kuliyev, A.M., Suleymanova, F.G.

Russ mon: Primeneniye prisadok dlya smazki promy-
shlennogo oborudovaniya, 1969, ~~171~~ pgs. 173 pp.

In process as

MT-2K-89-70

*Negative
from 70*

O. P. Livshits

*Transfer of tool material in the process of cutting
titanium alloys.*

*RUSSIAN, Moscow. Primeneniya Radioaktivnykh Indikatorov
dlya Issledovaniya i Kontrolya Iznosa Instrumenta, 1969,*

pp 51-65

AIR/FTD-HT-23-582-72

dec 72

Use of Infrared Devices in Observations of Ice
Conditions, by F. I. Melkov, P. A. Rublev, 15 pp.
RUSSIAN, per, Primeniye Radiofizicheskikh Metodov
v Okeanograficheskikh i Ledovykh Issledovaniyakh.
Leningrad, 1965, pp 95-106.
JPRS 54162

Oct 71

Applications of Gas Chromatography for Determination of the Physicochemical Properties of Materials, by M. S. Vigdaryanz, R. I. Izmailov.
RUSSIAN, bk, Primeneniye Raznoi Khromatografii
Dlya Opredeleniya Fiziko-Khimicheskikh Svoystv
Veshchestv, 1970, approx. 208 pp.
CONSULTANTS BUREAU/LENIN PRESS

sci/ prop and fuels
aug 69

389,704

The Use of Liquefied Gas in Marine Diesels,
by B. N. Semenov, 117 pp.
RUSSIAN, Primeneniye szhizhennogo gaza v sudovykh
dizelyakh, 1969
Dept of Navy NIC Tr-3131-70

Sci- Prop & Paals
Jan 71

Application of Matrix Theory to Solving Problems
in Structural Mechanics, by
M. N. Mitropol'skiy. 150 pp.
RUSSIAN, book, Primeneniye Teorii Matrits k
Resheniyu Zadach Stroitel'noy Mekhaniki, 1969,
pp 1-157.
AIR/FTD/HC-23-728-71

Dec 71

Application of Fuels and Lubricating Materials,
by N. N. Dobrov, P. I. Voropay. 609 pp.
RUSSIAN, bk, Primeneniye Topliv i Smazochnykh
Materialov, 1968, pp 1-488.
~~AKR/PTD-M-24-25-70~~

sci/fuels
oct 70

Effect of the Degree of Polycrystallinity on a
Thermal Expansion Anomaly, by A. A. Remizova, 6 pp.
RUSSIAN, per, Primeneniye Ultraakustiki k
Issledovaniyu Veshchestva, No 22, 1967, pp 67-71.
FTD-HC-23-2105-71

Aug 72

Ye. S. Vinitskiy

V. M. Zakurenov

Acoustic and other physicochemical properties of
n-Propyl alcohol-water binary mixtures along the
saturation line. 6 pp.

RUSSIAN, per, Primeneniye ultraakustiki k issledovanuyu
veshchestva, No 23, 1967, pp 25-30.

AIR/FTD-HC-23-2107-71

july 72

Application of Ultrasonics in Industry (Chapters
4 and 7), by V. P. Severdanko, V. V. Klubovich.
117 pp.

RUSSIAN, ~~hjt~~ Primeneniye Ul'trazvuka v Promy-
shlennosti Minsk, 1967, pp 83-149 & 218-249
AIR/PTD/IT-24-24-69

sci/physics
dec 69

397,393

F. Knaychel'

*The concept of using digital computers for scientific-
data activity in the GDR and for certain possibilities of
international cooperation. 5 pp.*

*RUSSIAN, Primeneniye Universal'n-Vychisl. Mashin v Rabote
Organov Inform., 1970, pp 110-112*

AIR/FTD-HT-23-1140-72

nov 72

Experiment in the Functional Simulation of A
Special Purpose Computer, by M. S. Dzhibuti,
A. M. Yengalychev, and A. I. Krapchin. 17 pp.
RUSSIAN, per, Primeneniye Vychislitel'nykh Mashin
Dlya Proektirovaniya Tsifrovyykh Ustroystv.
Sbornik Statey, Izd-vo Sovetskoye Radio, 1968,
pp 66-80.
AIR/FTD/MT-24-322-70

Sept 71

Algorithmic Language Proyeckt, by R. I. Oloynik,
Ye. Ye. Partsov, and O. I. Rau. 27 pp.
RUSSIAN, rpt, Primeneniye Vychislitel'nykh
Mashin Dlya Proyektirovaniya Tsifrovyykh Ustroystv.
Sbornik Statey, 1968, pp 132-152.
AIR/FTD-MT-24-277-70

Aug 71

Method of Laying Out Printed Circuits, by
G. Ye. Shiro, L. I. Lapidus. 17 pp.
RUSSIAN, rpt, Primeneniya Vychislitel'nykh
Mashin Dlya Analiza Ustoychivosti i Tokov
Korotkogo Zamykaniya v Energosistemakh, 1968,
pp 199-215.
AIR/FTD/MT-24-109-70

Sci-Elec
Dec 70

Problems in Laying Out Assembly Connections, by
M. Ye. Shteyn and V. S. Gaydayenko. 13 pp.
RUSSIAN, rpt, Primeneniye Vychislitel'nykh Mashin
dlya Proyektirovaniya Tsifrovyykh Ustroystv. Sbornik
Stat'ey (The Use of Computers for Designing Digital
Equipment. Collection of Articles), izd-vo
Sovetskoye Radio, Moscow, 1968, pp 216-227.
AIR/FTD/HT-23-878-70

July 71

SOLUTION OF PROBLEMS IN PHYSICAL AND CHEMICAL
KINETICS BY THE MONTE CARLO METHOD

DENISIK, S. LANGUAGE-RU COUNTRY-UR

RESHENIYE ZADACH FIZICHECHESKOY KINETIKI MYET
ODOMMONTYE-KARLO

PRIMENENIYE VYCHISLITEL'NOY MATEMATIKI K KHIM
II, FIZIKI I KINETIKE

FSTC-HT-23-1052-73

Principles and Methods of Medical Geo-
graphic Mapping.
RUSSIAN, bk, Printsipy i Metody Mediko-
Geograficheskogo Kartografirovaniya, 1968,
pp 3-221.
ACSI J-6384
ID 2204000669

Ear Sci
69

388,550

RAPID METHODS FOR DETERMINING MAXIMUM PERMISS
IBLE CONCENTRATIONS

ZAYEVA, G. N. LANGUAGE=RU COUNTRY=UR

PRIN. 1 METH. USTAN. PREDEL. DOPUS. KONTIS. VR
ED. VESHCH.V VOZ. PROIZ. '7

FSIC-HT-23-2553-72

Principles, Organization, and Mechanisms of
Molecular Genetic Processes, by V. A. Ratner.

approx 272 pp.

RUSSIAN, bk, Printsipy Organizatsii i Mekhanizmy
Molekulyarnykh Geneticheskikh Protssessov.

Plenum Publishing

sci/b andm
jan 71

Principles of Contemporary Methods of
Studying Electrochemical Reactions, by
B. B. Damaskin,
RUSSIAN, bk, Printsipy Sovremennykh
Metodov Izucheniya Elektrokhimicheskikh
Reaktsii, 1965.
*CB

Apr 66

The Future Through the Eyes of A Geochemist, by
A. A. Sankov, 22 pp
RUSSIAN, per, Priroda, No 1, Jan 65, pp 12-24.
JPRS 29382

USSR
Sci-Earth Sciences & Astron
Apr 65

277,489

Cosmic Rays from the Sun, by L. I. Miroschnichenko,
17 pp
RUSSIAN, per, Priroda, No 1, Jan 65, pp 25-34.
JPRS 29382

NASA-TT-F-7648

USSR
Sci-Earth Sciences & Astron.
Apr 65

277,488

The Autumn of 1964, by T. F. Iatysayeva and T. V.
Bidochenko, 5 pp
RUSSIAN, per, Priroda, No 1, Jan 65, pp 124-126.
JPRS 29382

USSR
Sci-Earth Sciences & Astron
Apr 65

277,490

Radiation and Polymers, by I. M. Barkalov, 8 pp.
RUSSIAN, per, Priroda, No 2, 1965, pp 13-17.
ACSI J-3966
ID 2204060267

Sci-Nucl Sci
Feb 68

349,204